

Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets if necessary)

Page 1 of 1

Application Number

10/037731

Filing Date

December 31, 2001

First Named Inventor

Anderson, Mark T.

Art Unit

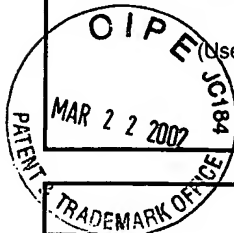
Unknown

Examiner Name

Unknown

Attorney Case Number

57421US002

**U.S. Patent Documents**

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
AmB	A1	US- 5,930,414	07-27-1999	Daniel A. Fishman, et al.	
1	A2	US- 5,982,963	11-09-1999	Kai-Ming Feng, et al.	
AmB	A3	US- 6,271,952 B1	08-07-2001	Richard E. Epworth	

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
AmB	B1	DE	199 03 523 A1	08/03/2000	E. Brinkmeyer		
1	B2	EP	0 964 237 A1	15.12.1999	Hiroki Ooi, et al.		
1	B3	EP	0 982 882 A2	01.03.2000	K. S. Farley, et al.		
1	B4	JP	07231291	29.08.1995	Ejima Makoto		
AmB	B5	Wo	01/27667 A2	19.04.2001	V. Bhagavatula, et al.		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
AmB	C1	D. Sobiski, et al., "Fast First-Order PMD Compensation with Low Insertion Loss for 10Gbit/s System", ELECTRONICS LETTERS, 4 th January 2001, Vol. 37, No. 1, pp. 46-48.
1	C2	H. Rosenfeldt, et al., "PMD Compensation in 10Gbit/s NRZ Field Experiment Using Polarimetric Error Signal", ELECTRONICS LETTERS, 2 nd March 2000, Vol. 36, No. 5, pp. 448-450.
1	C3	Reinhold Noé, et al., "Polarization Mode Dispersion Compensation at 10, 20, and 40 Gb/s with Various Optical Equalizers", JOURNAL OF LIGHTWAVE TECHNOLOGY, Vol. 17, No. 9, September 1999, pp. 1602-1616.
1	C4	D. A. Watley, et al., "Compensation of Polarisation-Mode Dispersion Exceeding One Bit Period Using Single High-Birefringence Fibre", ELECTRONICS LETTERS, 24 th June 1999, Vol. 35, No. 13, pp. 1094-1095.
1	C5	Takeshi Ozeki, et al., "Polarization-Mode-Dispersion Equalization Experiment Using a Variable Equalizing Optical Circuit Controlled by a Pulse-Waveform-Comparison Algorithm", OFC '94 TECHNICAL DIGEST, TUESDAY AFTERNOON, pp. 62-64.
AmB	C6	T. Takahashi, et al., "Automatic Compensation Technique for Timewise Fluctuating Polarisation Mode Dispersion in In-Line Amplifier Systems", ELECTRONICS LETTERS, 17 th February 1994, Vol. 30, No. 4, PP. 348-349.

*Examiner: Mack Heller

Date Considered: 10/12/2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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3662

Examiner Name

Not Yet Known

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U.S. Patent Documents

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		Number-Kind Code (if known)			
	A1	US- 2002/0021882 A1	02-21-2002	Wyatt et al	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			

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Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-Kind Code (if known)				
	B1	KR	2000-0027961	05-15-2000			X
	B2	WO	00/55101	09-21-2000			X
	B3						
	B4						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	A. MORI, et al; "1.5 μ m Broadband Amplification by Tellurite-Based EDFAs"; <i>Conference on Optical Fiber Communications, Technical Digest, Postconference Ed.</i> OSA Technical Digest Series Vol. 6; 1997; pp. 371-374; Optical Society of America
	C2	R.L. SHUBOCHKIN, et al; "Er ³⁺ - Tm ³⁺ Co-doped Silica Fiber Laser"; <i>OSA TOPS, Vol. 26 Advanced Solid-State Lasers</i> ; 1999; pp. 167-171; Optical Society of America
	C3	H. JEONG & K. OH; "Characterization of Amplified Spontaneous Emission Light Source from an Er ³⁺ /Tm ³⁺ Co-doped Silica Fiber"; <i>Conference on Lasers and Electro-Optics, Technical Digest, Postconference Ed.</i> TOPS Vol. 39; 2000; pp. 544-545; Optical Society of America
	C4	"Lucent Technologies announces two new erbium-doped fibers for the extended L-band the C-band"; Lucent Technologies [online]; [available on the internet October 1, 2001]; [retrieved from the internet January 23, 2003]

*Examiner:

Date Considered:

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		Number-Kind Code (if known)			
AWD	A1	US- 6,128,430	10-03-2000	Chu et al	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			

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Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check box)
		Ctry. Code	Number-Kind Code (if known)				
AWD	B1	SU	1273339 A1	11-30-1986			
	B2						
	B3						
	B4						
	B5						
	B6						

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AWD	C1	X. ZOU, et al; "Mechanisms of Upconversion Fluorescences in Er ³⁺ , Tm ³⁺ Codoped Fluorozirconaluminate Glasses", <i>Journal of Non-Crystalline Solids</i> (Feb. 1995); North-Holland Physics Publishing, Amsterdam, NL; Vol. 181, No. 1-2; pp. 100-109
	C2	
	C3	

*Examiner: Mark Hellner

Date Considered: 10/12/2004

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